

A16
(contd)

effect upon the set value of the reference capacitance. Resultantly, the process of adjusting the crystal oscillator is simplified.--

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Please replace page 19, second full paragraph, with the following rewritten paragraph:

A17

--In the foregoing description, the present invention has been explained using the construction of applying the threshold voltage of the inverter amplifier 1 to one terminal of the MOS construction type capacitance element 3. However, the invention is not limited to such construction. But the invention may have a construction wherein a fixed voltage is applied to the one terminal of the MOS construction type capacitance element 3 with use of an external voltage or using a voltage that is produced using another voltage generation circuit, etc.--

IN THE ABSTRACT:

✓
Please amend the Abstract as follows:

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A piezoelectric oscillator is disclosed which falls under the category of an oscillator including a piezoelectric resonator, an amplifier, and a variable-capacitance element. The variable-capacitance element is a MOS construction type capacitance element, one terminal of that is fixed at a V voltage, and the other terminal of that is applied with a control voltage falling within a range whose intermediate value is the V voltage. As a result of this, a piezoelectric oscillator is realized which can vary its frequency over a wide range even without use of a minus power supply.

IN THE CLAIMS:

✓
Please amend claim 1 as follows:

Sub B1
A19

1. (Amended) A piezoelectric oscillator, wherein, in an oscillator including a piezoelectric resonator, an amplifier, and a variable-capacitance element, the variable-capacitance element is a MOS construction type capacitance element, one terminal of the MOS construction type capacitance element is applied with an alternating current voltage, whose intermediate voltage is a V voltage, and the other terminal of the MOS construction type capacitance element is applied with a control voltage falling within a range whose intermediate value is the V voltage.